

Abstract

Materials and methods are provided for producing and using aptamers useful as oncology therapeutics capable of binding to PDGF, PDGF isoforms, PDGF receptor, VEGF, and VEGF receptor or any combination thereof with great affinity and specificity. The compositions of the present invention are particularly useful in solid tumor therapy and can be used alone or in combination with known cytotoxic agents for the treatment of solid tumors. Also disclosed are aptamers having one or more CpG motifs embedded therein or appended thereto.

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